

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	48472	(retain\$3 adj2 (ring annul\$2))	USPAT	OR	ON	2006/04/03 15:54
L15	7198	118/723\$.ccls. 156/345\$.ccls. 315/111\$.ccls.	USPAT	OR	ON	2006/04/03 15:54
L16	125	L15 and 14	USPAT	OR	ON	2006/04/03 16:09
L17	1	("6562189").PN.	DERWENT	OR	OFF	2006/04/03 16:09
L18	1	2002-240712.NRAN.	DERWENT	OR	OFF	2006/04/03 16:09
S1	8	((("4842683") or ("5215619") or ("6074512") or ("6228235") or ("6232236") or ("6188807") or ("0192646"))).PN.	USPAT; USOCR	OR	OFF	2006/03/09 12:10
S2	3	((("6451177") or ("6488807") or ("6192646"))).PN.	USPAT; USOCR	OR	OFF	2006/02/04 19:23
S3	135	(156/345.46).CCLS.	USPAT; USOCR	OR	OFF	2006/02/04 20:16
S4	144	(156/345.42).CCLS.	USPAT; USOCR	OR	OFF	2006/02/04 20:03
S5	97	(156/345.49).CCLS.	USPAT; USOCR	OR	OFF	2006/02/04 20:03
S7	120	S4 not S3	USPAT	OR	OFF	2006/02/04 20:37
S8	71	S5 not S3	USPAT	OR	OFF	2006/02/04 20:37
S9	68	S8 not S4	USPAT	OR	OFF	2006/02/04 20:47
S10	180	(118/723mr).CCLS.	USPAT; USOCR	OR	OFF	2006/02/04 20:48
S11	145	(118/723ma).CCLS.	USPAT; USOCR	OR	OFF	2006/02/04 20:49
S13	103	S11 not S4	USPAT	OR	OFF	2006/02/04 20:53
S14	94	S13 not S5	USPAT	OR	OFF	2006/02/04 20:53
S15	75	S14 not S3	USPAT	OR	OFF	2006/02/04 20:53
S16	106	S10 not S11	USPAT	OR	OFF	2006/02/04 20:53
S17	83	S16 not S4	USPAT	OR	OFF	2006/02/04 20:53
S18	82	S17 not S5	USPAT	OR	OFF	2006/02/04 20:53
S19	78	S18 not S3	USPAT	OR	OFF	2006/02/04 20:53
S20	36532	(collar ring annul\$3) with magnet\$3	USPAT	OR	ON	2006/03/29 13:01
S21	7173	118/723\$.ccls. 156/345\$.ccls. 315/111\$.ccls.	USPAT	OR	ON	2006/03/09 12:13
S22	579	S20 and S21	USPAT	OR	ON	2006/03/09 12:13
S23	36879	(collar ring annul\$3) with magnet\$3	JPO; DERWENT	OR	ON	2006/03/29 13:01

## EAST Search History

S24	895436	h011021\$.ipc. c23c016\$.ipc.	JPO; DERWENT	OR	ON	2006/03/29 13:02
S25	709	S23 and S24	JPO; DERWENT	OR	ON	2006/03/29 14:42
S26	7	((("5215619") or ("6074512") or ("6228235") or ("6232236") or ("4842683") or ("6488807") or ("6451177")).PN.	USPAT; USOCR	OR	OFF	2006/03/29 16:46
S27	7	((("4632719") or ("4434042") or ("6568346") or ("4853102") or ("6253493") or ("6620298") or ("6562189")).PN.	USPAT; USOCR	OR	OFF	2006/03/29 14:48
S28	1	("6523493").PN.	USPAT; USOCR	OR	OFF	2006/03/29 14:48
S29	1169	"applied materials".as. and magnet\$2	USPAT	OR	ON	2006/03/29 16:47
S30	7198	118/723\$.ccls. 156/345\$.ccls. 315/111\$.ccls.	USPAT	OR	ON	2006/03/29 16:47
S31	256	S29 and S30	USPAT	OR	ON	2006/03/29 19:01
S32	0	"2003019246"	US-PGPUB	OR	ON	2006/03/29 19:02
S33	1	"20030192646"	US-PGPUB	OR	ON	2006/03/29 19:02
S34	4845	magnet\$2 with seal	USPAT	OR	OFF	2006/04/03 12:58
S35	7198	118/723\$.ccls. 156/345\$.ccls. 315/111\$.ccls.	USPAT	OR	ON	2006/04/03 12:58
S36	57	S34 and S35	USPAT	OR	OFF	2006/04/03 12:58